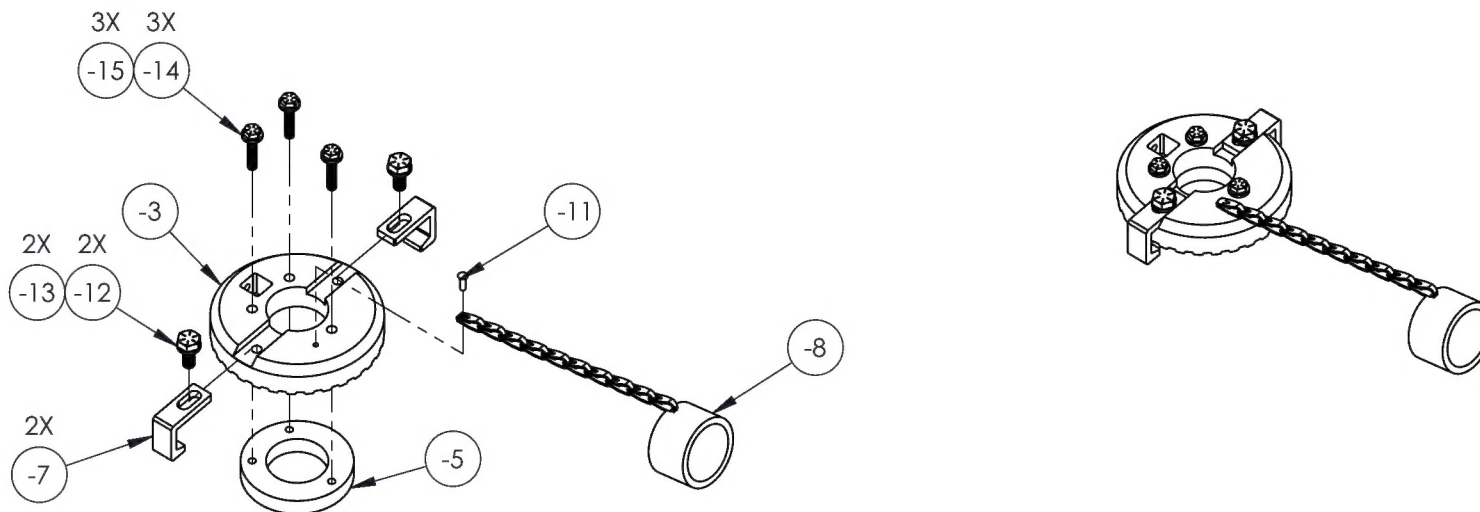



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		CH'D TITLEBLOCK AND REVISION BLOCK, ADDED ASSEMBLY VIEW. -3 ADDED ENGRAVE NOTE.	1/22/2010	RJC	RW
B		-5 CH'D MATERIAL FROM 4140. -9 CH'D MATERIAL FROM 1018.	6/23/2011	RJC	RW
2		7 CH'D HEIGHT FROM .93, CH'D BOTTOM LEG LENGTH FROM .472, CH'D .14 TO .130 +.000-.010.	8/29/2011	RJC	DW
3	16-0036	-3, -5, -7, & -8 CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE ASTM B633 TYPE 1 SC 2. -3 & -7 CH'D MATERIAL CALL OUT WAS 4140 IS 4140/4142. -3 CH'D DIM WAS Ø.100 $\sqrt{.3125}$ IS Ø.10 $\sqrt{.40}$, WAS .14 IS .140, WAS .12 IS .120, WAS .51 IS .5010-.5000, ADDED MISSING DIM .700, DELETED DIM 1.21. CH'D MATERIAL CALL OUT WAS 4140 IS 4140/4142. -5 CH'D DIM WAS Ø1.3 IS Ø1.30, DELETED DIM 1.21, CH'D MATERIAL CALL OUT WAS 4140 Q&T IS 4140/4142 Q&T. -7 ADDED MISSING DIMS .25 AND .71, CH'D DIM WAS .5 IS .4988-.4981, CH'D MATERIAL CALL OUT WAS 4140 IS 4140/4142. -8 ADDED -10 BALLOON AND DIM 5.5. -9 CH'D FINISH WAS CAD PLATE YELLOW IS SEE -8. ADDED USED ON MODELS BELL 204B, 205A1, 212, 412. ADDED P/N'S AND B/O INFO -10 #3607T14, -11 Ø.12 X 5/16 #90081A107, -12 #AN960-416, -13 #AN4-5A, -14 #AN960-10, -15 #AN3-7A.	2/15/2016	RJC	JAG



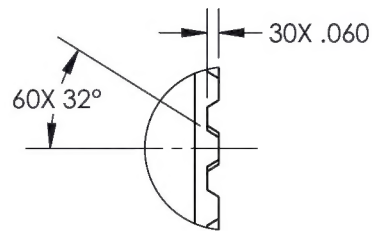
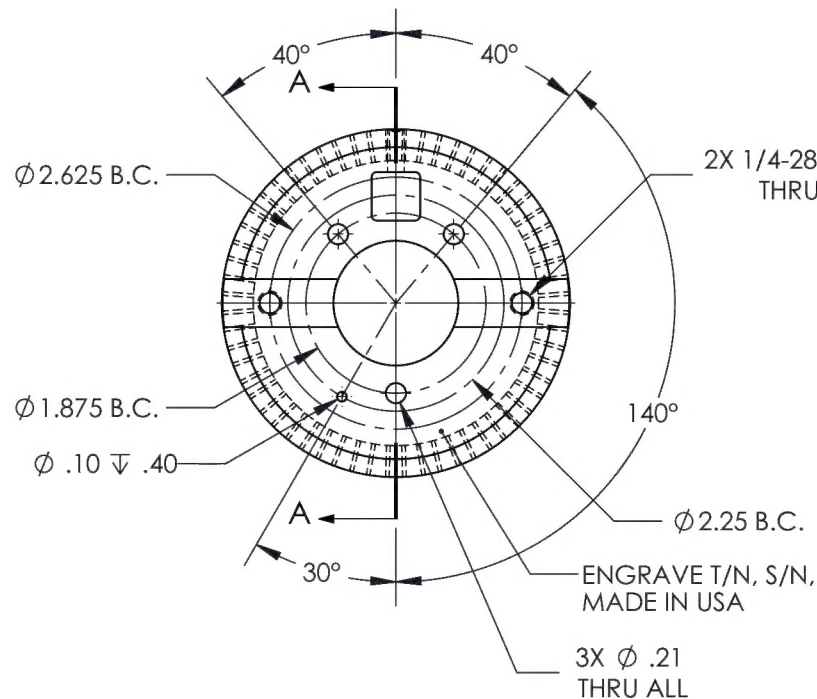
NOTE:
REF. BELL T/N T101307.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG
			-3	1	PLATE	4140/4142		2
			-5	1	RING	4140/4142 Q & T		3
			-7	2	CLAMP	4140/4142		4
	X		-8	1	WELDMENT			5
	1		-9		SPACER	DOM		6
	1		-10		SASH CHAIN	STEEL	8 X 5-1/2 (MCMaster-CARR #3607T14)	5
		B/O	-11	1	#4 DRIVE SCREW	STEEL	Ø.12 X 5/16 (MCMaster-CARR #90081A107)	1
		B/O	-12	2	FLAT WASHER	STEEL	AN960-416	1
		B/O	-13	2	HEX HEAD CAP SCREW	STEEL	AN4-5A	1
		B/O	-14	3	FLAT WASHER	STEEL	AN960-10	1
		B/O	-15	3	HEX HEAD CAP SCREW	STEEL	AN3-7A	1
	ASSY -8							

			
TITLE			
GEARBOX WRENCH			
DWG NO.			REV
RB T101307			3
MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8 .XXX ± .005 .XX ± .01 .X ± .1 ANGLES ± 5° SURFACES = 125/√	
HEAT			
TREAT			
FINISH			
SPEC			
DRAWN BY:	PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED:	DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR:	LINDSAY	USED ON MODEL	
APPROVED:	GILBERT	BELL 204B, 205A1, 212, 412	
SCALE	1:2	DATE	
		6/20/2005	SHEET 1 OF 6

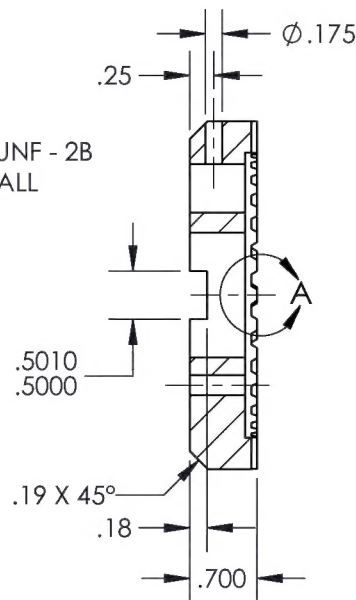
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-3 ADDED ENGRAVE NOTE.	1/22/2010	RJC	RW
3	16-0036	-3 CH'D DIM WAS $\varnothing .100 \pm .3125$ IS $\varnothing .10 \pm .40$, WAS .14 IS .140, WAS .12 IS .120, WAS .51 IS .5010-.5000, ADDED MISSING DIM .700, DELETED DIM 1.21, CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE ASTM B633 TYPE 1 SC 2, CH'D MATERIAL CALL OUT WAS 4140 IS 4140/4142.	2/15/2016	RJC	JAG

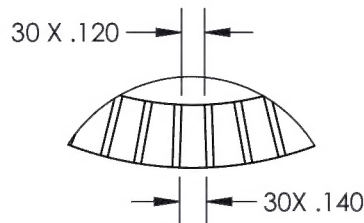


DETAIL A
SCALE 1 : 1

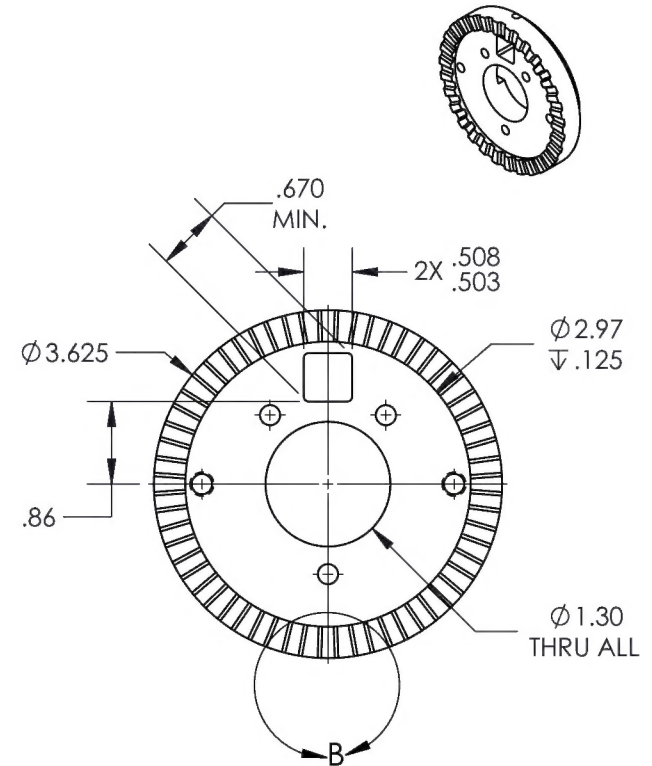
(-3)
PLATE



SECTION A-A



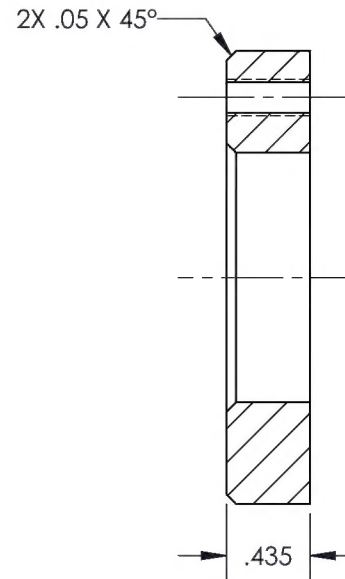
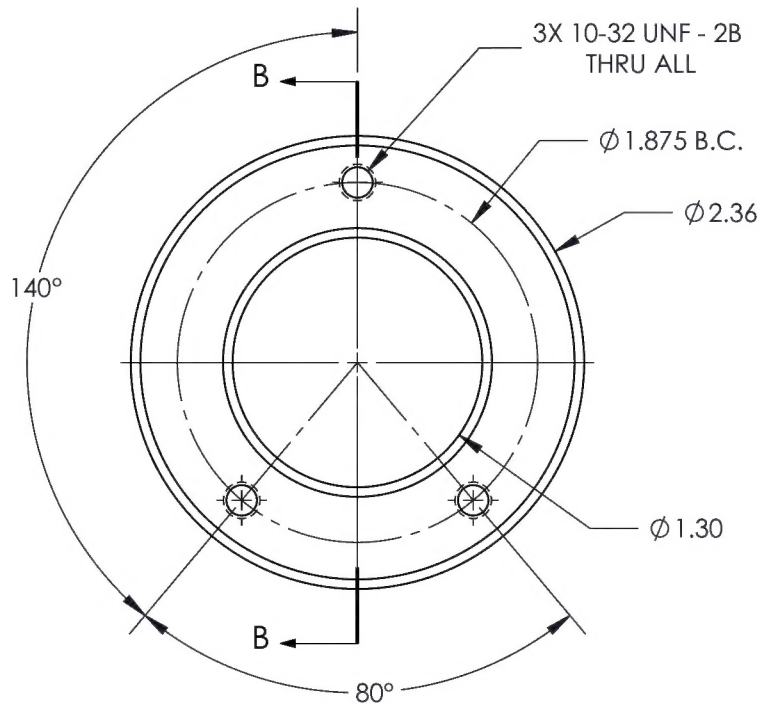
DETAIL B
SCALE 1 : 1



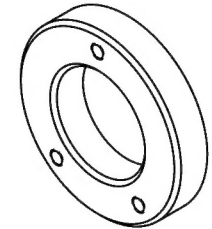
TITLE GEARBOX WRENCH		
DWG NO. RB T101307-3	REV 3	
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED	
HEAT TREAT RC 35-40	DIMENSIONS ARE IN INCHES	
FINISH ZINC PLATE	.XXX \pm .005 FRACTIONS \pm 1/8	
SPEC ASTM B633 TYPE 1 SC 2	.XX \pm .01 ANGLES \pm 5°	
DRAWN BY: PERRITT	.X \pm .1 SURFACES = 125	
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON	.015 x 45° OR .015R	
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT	AFTER PLATING	
SCALE 1:2	DATE 6/20/2005	SHEET 2 OF 6

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
B		-5 CH'D MATERIAL FROM 4140.	6/23/2011	RJC	RW
3	16-0036	-5 CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE ASTM B633 TYPE 1 SC 2, CH'D DIM WAS Ø1.3 IS Ø1.30, DELETED DIM 1.21, CH'D MATERIAL CALL OUT WAS 4140 Q&T IS 4140/4142 Q&T.	2/15/2016	RJC	JAG



SECTION B-B

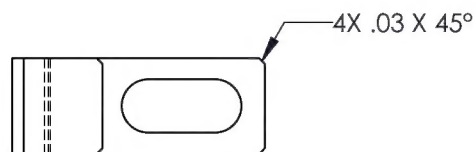
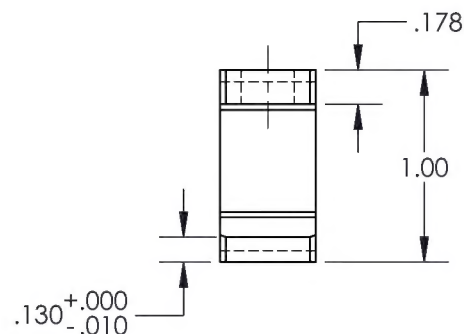
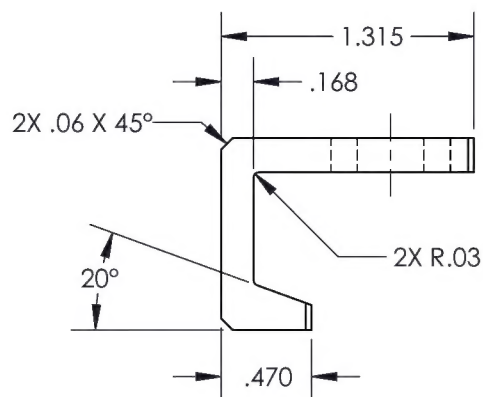
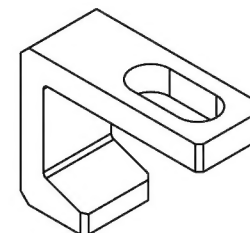
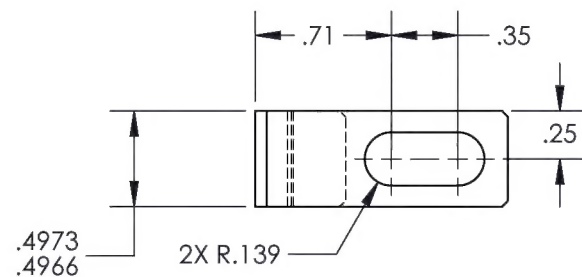


(5)
RING

DART AEROSPACE	
TITLE GEARBOX WRENCH	
DWG NO. RB T101307-5	REV 3
MAT'L 4140/4142 Q & T	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: PERRITT	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/20/2005	USED ON MODEL
SHEET 3 OF 6	BELL 204B, 205A1, 212, 412

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-7 CH'D HEIGHT FROM .93, CH'D BOTTOM LEG LENGTH FROM .472, CH'D .14 TO .130 $\pm .000$ -.010.	8/29/2011	RJC	RW
3	16-0036	-7 CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE ASTM B633 TYPE 1 SC 2, ADDED MISSING DIMS .25 AND .71, CH'D DIM WAS .5 IS .4988-.4981, CH'D MATERIAL CALL OUT WAS 4140 IS 4140/4142.	2/15/2016	RJC	JAG

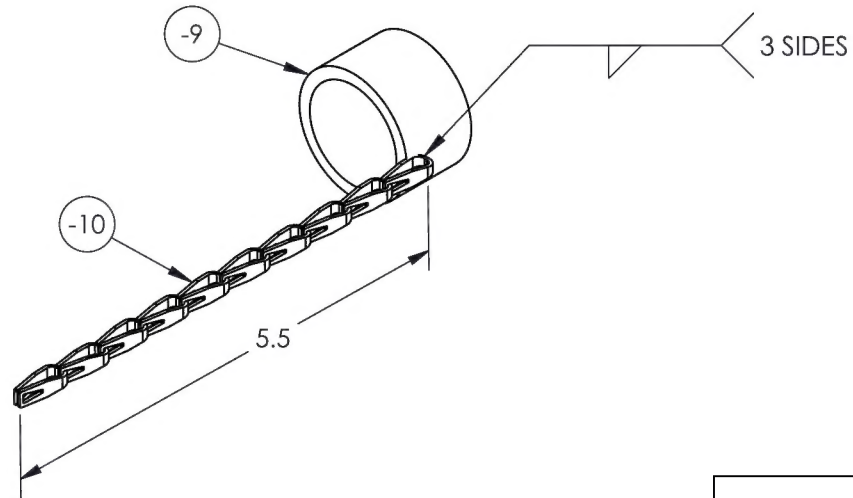


(-7)
CLAMP

DART AEROSPACE	
TITLE GEARBOX WRENCH	
DWG NO. RB T101307-7	REV 3
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 35-40	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX \pm .005 FRACTIONS \pm 1/8
SPEC ASTM B633 TYPE 1 SC 2	.XX \pm .01 ANGLES \pm 5°
DRAWN BY: PERRITT	.X \pm .1 SURFACES = 125° ✓
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/20/2005	USED ON MODEL
SHEET 4 OF 6	BELL 204B, 205A1, 212, 412

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	16-0036	-8 ADDED -10 BALLOON AND DIM 5.5, CH'D FINISH WAS CAD PLATE YELLOW IS ZINC PLATE ASTM B633 TYPE I SC 2.	2/15/2016	RJC	JAG

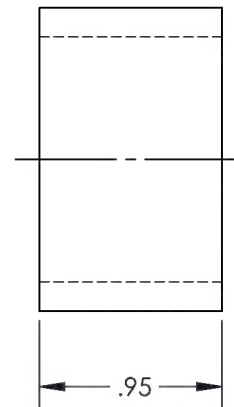
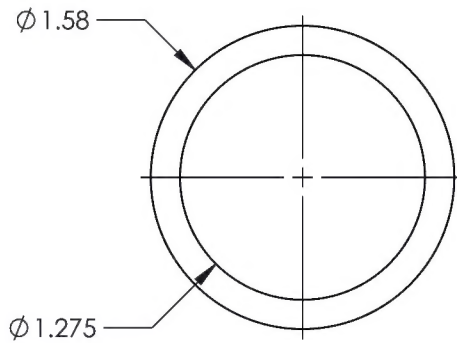
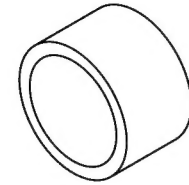


(-8)
WELDMENT

DART AEROSPACE	
TITLE GEARBOX WRENCH	
DWG NO. RB T101307-8	REV 3
MAT'L ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: PERRITT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	BELL 204B, 205A1, 212, 412
APPROVED: GILBERT	
SCALE 1:1	DATE 6/20/2005
SHEET 5 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
B		-9 CH'D MATERIAL FROM 1018.	6/23/2011	RJC	RW
3	16-0036	-9 CH'D FINISH WAS CAD PLATE YELLOW IS SEE -8.	2/15/2016	RJC	JAG



(-9)

SPACER

DART AEROSPACE	
TITLE GEARBOX WRENCH	
DWG NO. RB T101307-9	REV 3
MAT'L DOM STEEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT SEE -8	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -8	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	BELL 204B, 205A1, 212, 412
SCALE 1:1	DATE 6/20/2005
SHEET 6 OF 6	